

Title (en)

Device for controlling the temperature of an element

Title (de)

Vorrichtung zur Überwachung der Temperatur eines Elementes

Title (fr)

Dispositif de surveillance de la température d'un élément

Publication

EP 2202767 B1 20110608 (FR)

Application

EP 09179588 A 20091217

Priority

FR 0859055 A 20081224

Abstract (en)

[origin: EP2202767A1] The circuit has a charge storage element i.e. electrically EPROM cell, a charge evacuation device, and a thermo-mechanical switch that is utilized for connecting the storage element to the evacuation device. The switch is capable of being closed without the need for electrically powering the circuit when the temperature exceeds a threshold. A reading device is utilized for reading an amount of charge in the storage element. The switch has two metal strips having opposite ends that are separated by a distance. An independent claim is also included for a method for monitoring the temperature of an element.

IPC 8 full level

H01H 1/00 (2006.01)

CPC (source: EP US)

G01K 13/00 (2013.01 - US); **H01H 1/0036** (2013.01 - EP US); **H01H 37/46** (2013.01 - EP US); **H01H 2037/008** (2013.01 - EP US)

Cited by

FR2984010A1; FR3057089A1; FR2984009A1; FR2993400A1; US10026563B2; US9670058B2; US8890276B2; US8704327B2; US9653392B2; US9875870B2; US9721858B2; US10475713B2; US8692247B2; US8884289B2; US9466452B1; US9905706B2; US10411140B2; US10861984B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2202767 A1 20100630; EP 2202767 B1 20110608; AT E512447 T1 20110615; CN 101847860 A 20100929; CN 101847860 B 20140903; US 2010158072 A1 20100624; US 2014133517 A1 20140515; US 8672540 B2 20140318; US 9459157 B2 20161004

DOCDB simple family (application)

EP 09179588 A 20091217; AT 09179588 T 20091217; CN 200910261263 A 20091224; US 201414161502 A 20140122; US 64353709 A 20091221